

Converting Colors

YUV(84.3790, 1.7852, -12.6104)

Have a look what the booklet for
YUV(84.3790, 1.7852, -12.6104)
contains.

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Color

**YUV(84.3790, 1.7852,
-12.6104)**

Conversions

Conversions Part 1

Format	Color
Hex	465B58
RGB	70, 91, 88
RGB Percent	27%, 36%, 35%
CMY	0.7255, 0.6431, 0.6549
CMYK	0.23, 0.00, 0.03, 0.64
HSL	171°, 13%, 32%
HSV	171°, 23%, 36%
XYZ	8.0283, 9.4888, 10.6409
YIQ	84.3790, -11.5530, -5.3850

Conversions

Conversions Part 2

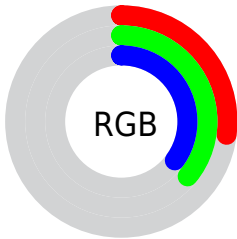
Format	Color
RYB	70, 81, 91
Decimal	4610904
CIELab	36.91, -8.67, -0.90
CIELCh	37, 8.722, 185.930
Yxy	9.4888, 0.2851, 0.3370
Android (android.graphics.Color)	4282800984 (0xFF465B58)
YUV	84.3790, 1.7852, -12.6104
Hunter-Lab	30.8040, -7.3851, 1.0817

Details

The YUV color **84.3790, 1.7852, -12.6104** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76.6210, -1.7852, 12.6104**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0800, 1.9326, -13.2252**, and **39.0910, 1.9271, -11.4808** is the 20% darker color. If you saturate the color by 10%, you get **81.5740, 2.6750, -18.0434**, and if you desaturate by 10%, it is **87.1840, 0.8953, -7.1774**.

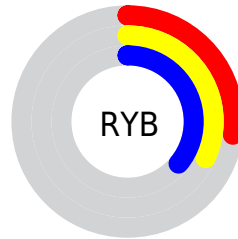
Distribution



 Red (27%)

 Green (36%)

 Blue (35%)



 Red (27%)

 Yellow (32%)

 Blue (36%)

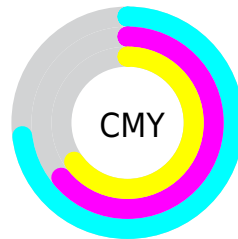


 Cyan (23%)

 Magenta (0%)

 Yellow (3%)

 Black (64%)



 Cyan (73%)

 Magenta (64%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.3790, 1.7852, -12.6104 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 84.3790, 1.7852, -12.6104 by changing the saturation by 10% instead.

■ 84.3790, 1.7852,
-12.6104

■ 84.3790, 1.7852,
-12.6104

255.0000, 0.0000,
0.0000

■ 60.7920, 2.0745,
-12.0956

■ 134.0800, 1.9326,
-13.2252

■ 39.0910, 1.9271,
-11.4808

■ 160.6670, 1.6432,
-13.7400

■ 17.7810, 2.0800,
-13.8399

■ 187.3680, 1.7906,
-14.3547

■ 0.0000, 0.0000,
0.0000

■ 215.3680, 1.7906,
-14.3547

■ 243.3680, 1.7906,
-14.3547

■ 84.3790, 1.7852,
-12.6104

■ 84.3790, 1.7852,
-12.6104

■ 81.5740, 2.6750,
-18.0434

■ 87.1840, 0.8953,
-7.1774

■ 78.6550, 3.1281,
-23.3764

■ 90.1030, 0.4422,
-1.8443

■ 75.8500, 4.0180,
-28.8094

■ 92.9080, -0.4476,
3.5887

■ 73.0450, 4.9078,
-34.2425

■ 95.7130, -1.3375,
9.0217

■ 70.1260, 5.3609,
-39.5755

■ 98.9310, -1.9380,
14.9695

■ 67.0220, 6.3982,
-45.6233

■ 101.7360, -2.8278,
20.4025

■ 64.2170, 7.2880,
-51.0563

■ 104.5410, -3.7177,
25.8355

■ 62.3090, 7.7357,

■ 107.3460, -4.6076,

-54.6450

31.2686

■ 110.2650, -5.0606,
36.6016

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4890, -1.7201, -8.3219



84.3790, 1.7852, -12.6104



84.8780, 4.9901, -13.9250

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3790, 1.7852, -12.6104



87.9770, 4.9413, 1.7742



87.0460, -6.4317, 9.6067

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



84.3790, 1.7852, -12.6104



76.6210, -1.7852, 12.6104

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9260, -4.4005, 11.4659



84.3790, 1.7852, -12.6104



88.3260, 2.3043, 7.6071

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3790, 1.7852, -12.6104



86.8020, 6.9996, -5.0884



88.1370, -1.0535, 11.2809



86.6000, -6.7048, 3.8588

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.3790, 1.7852, -12.6104



85.2310, 6.2951, -12.4806



88.1370, -1.0535, 11.2809



87.4590, -6.1423, 10.1215

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84.3790, 1.7852, -12.6104



114.4940, 0.7425, -4.8182



83.2240, -6.5194, -8.9664



57.3910, 0.3002, -2.9739



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3790, 1.7852, -12.6104



106.6770, 3.1172, -19.8877



80.6120, 5.1213, -9.3067



44.3910, 0.3002, -2.9739



75.2860, 9.2260, -66.0258



162.2610, 20.0843, -142.3029

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



76.6210, -1.7852, 12.6104



94.4370, -2.6804, 19.7878



80.3880, -5.1213, 9.3067



42.6090, -0.3002, 2.9739



34.7140, -9.2260, 66.0258



74.7390, -20.0843, 142.3029

Previews

White Background



This preview shows how the YUV color 84.3790, 1.7852, -12.6104 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 84.3790, 1.7852, -12.6104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

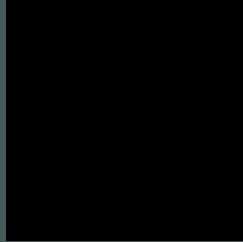
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 84.3790, 1.7852, -12.6104

Background



This preview shows how black text looks on a background with the YUV color 84.3790, 1.7852, -12.6104.



This preview shows how white text looks on a background with the YUV color 84.3790, 1.7852, -12.6104.

-12.6104.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

84.3790, 1.7852, -12.6104

Protanopia

86.4840, -0.7316, 1.3295

Deuteranopia

87.5600, 0.7099, 5.6479



Tritanopia

85.4160, 5.7109, -11.7658

Trichromacy



Original Color

84.3790, 1.7852, -12.6104

Protanomaly

85.6790, 0.1583, -4.1035

Deuteranomaly

86.6300, 1.1684, -1.4295

Tritanomaly

84.7750, 4.5479, -12.0807

Monochromacy



Original Color

84.3790, 1.7852, -12.6104

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.3800, 0.3057, -4.7183

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.3790, 1.7852, -12.6104 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(70, 91, 88)` looks like.

```
.text, #text, p{  
    color:rgb(70, 91, 88)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(70, 91, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 91, 88) }
```

Border

The CSS property to change the border of an element to YUV 84.3790, 1.7852, -12.6104 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(70, 91, 88) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(70, 91, 88) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(70, 91, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 91, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 91, 88);  
box-shadow:4px 4px 4px 4px rgb(70, 91, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.3790, 1.7852, -12.6104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 91, 88) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(70, 91,  
88) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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